

Bureau of Radiation Control

Program Operating Plan

Program or Division Name	Bureau of Radiation Control
Bureau	Radiation Control
Associateship	Consumer Health Protection
Program Purpose	<p>Purpose is defined in Health and Safety Code § 401.002:</p> <ul style="list-style-type: none">• Ensure effective regulation of sources of radiation for protection of the occupational and public health and safety and the environment• Promote an orderly regulatory pattern• Establish procedures for assumption and performance of certain regulatory responsibilities• Permit maximum use of sources of radiation consistent with public health and safety and environmental protection
Major Responsibilities	<ul style="list-style-type: none">• BRC protects and promotes the physical and environmental health of the people of Texas by assuring compliance with the Radiation Control Act.• BRC creates and maintains clear accurate rules and regulatory guides to create an effective legal framework.• The bureau prevents unnecessary radiation exposure of the public and radiation workers through effective: licensing of radioactive materials including assessment of environmental impacts; registration of radiation producing equipment; inspection of licensees and registrants; development and enforcement of rules; emergency response activities; environmental monitoring; public education.• Through inspection, BRC prevents release of radioactive materials to the environment and over-exposure of patients, employees and the public.• BRC assures accountability of radioactive sources through inspections and conducts environmental and area monitoring for sites where radioactive materials are stored or buried.
Population Served	<ul style="list-style-type: none">• Regulated population of approximately 20,000 radiation facilities in Texas• State of Texas
Contact Information	<p>Richard Ratliff, P.E. Bureau Chief Phone: 512.834.6688; Fax: 512.834.6708 richard.ratliff@tdh.state.tx.us Program website: http://www.tdh.state.tx.us/ech/rad/pages/brc.htm Location: Exchange Building, Room N-127 Mailing address: 1100 West 49th Street, Austin, Texas 78756</p>

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Program Objectives

Fiscal Year 2003 Objectives

- Efficiency and Outcome Measure
Increase efficiencies in licensing, registration, and industrial radiographer certification. Decrease the backlog of x-ray inspections and inspect users of licensed radioactive material and registered users of machine produces radiation at the intervals prescribed by the Nuclear Regulatory Commission or Texas Department of Health rules. Percentage of inspected entities in compliance with statutes and/or rules to meet or exceed 71.5%.
- Training and preparation
Assure that adequate training is provided to all staff for current jobs and continue succession planning. Provide task specific training to Bureau of Radiation Control staff members needed to assure worker safety during a response to an accident. Provide radiological monitoring instruments and training in their use to local emergency response organizations throughout Texas. Assure that local response organizations and medical facilities along the Interstate-20 Waste Isolation Pilot Project (WIPP) corridor receive training in the proper response to an accident involving transuranic waste. Perform periodic briefings of local officials along the WIPP corridor.
- Mammography Accreditation
Complete revised application for Texas to continue as a recognized mammography accreditation body with FDA.
- Planning and Development
Meet BRC rulemaking schedule for standards development. Perform review of standard licensing conditions and complete Technical Reviewer Procedures Manual. Update emergency plans for fixed nuclear facility accident response and participate in organized drills and exercises in order to measure the effectiveness of the training and response effort.
- Emergency Response and Public Health Protection
Respond to accidents involving the release of radiation in order to protect public health and safety and the environment. Accept and investigate complaints from members of the public involving inappropriate or illegal use of ionizing or nonionizing radiation.
- Take appropriate escalated enforcement action against licensees and registrants with serious program deficiencies identified during inspections or investigations. Protect members of the general public from unnecessary exposure to licensed or registered sources of radiation.

Services Provided/ Activities

Health Care Safety Net Services

N/A

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Essential Public Health Services (EPHS)

*(Austin office) or
(regional offices)
indicate where the
activity takes place.*

No. 6 Enforce laws and rules that support individual and community efforts to improve health. Activities: Regulation and enforcement

Bureau of Radiation Control:

- Creates and maintains clear accurate rules and regulatory guides to create an effective legal framework (Austin office)
- Prevents unnecessary radiation exposure of the public and radiation workers (Austin and regional offices)
- Licenses use of radioactive materials including assessment of environmental impacts (Austin office)
- Registers radiation producing equipment (Austin office)
- Inspects licensees and registrants (Austin and regional offices)
- Enforces rules (Austin and regional offices)
- Conducts emergency response activities (Austin and regional offices)
- Conducts incident investigations (Austin office with assistance from regional offices)
- Conducts environmental monitoring (Austin office)
- Provides public education (Austin office)
- Publishes Internet site on radiation control (Austin office)
- Maintains comprehensive file on all licensees and registrants (Austin office)
- Assesses and collects license and registration fees and assures that fees cover program budgets (Austin office)
- Coordinates BRC training and public information (Austin office)

Administrative Activities

N/A

Program Evaluation

Performance Measures

Performance
Measures:
State

1.1.1.1 Radiation Control, Percentage of Inspected Entities in Compliance with Statutes /Rules. KEY

Efficiency Measures

1.1.4.1. Average Number of Days for License Issuance. NON-KEY

1.1.4.2. Average Cost Per Surveillance Activity. KEY.

Output Measures:

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1.1.4.1. Number of Surveillance Activities Conducted. NON-KEY

1.1.4.2. Number of Enforcement Actions Initiated. NON-KEY

1.1.4.3. Number of License/Registrations Issued. NON-KEY

1.1.4.4. Number of Radiation Survey Meters Calibrated or Repaired. NON-KEY

Performance
Measures:
Federal

Agencies to which federal performance measures are reported.

- Nuclear Regulatory Commission
- Department of Health & Human Services, Food & Drug Administration
- Federal Emergency Management Agency through Texas
- Department of Public Safety, Division of Emergency Management
- U.S. Department of Energy through the Texas Comptroller of Public Accounts, State Energy Conservation Office

Mandate/authority

Health and Safety Code, Subtitle D. Nuclear and Radioactive Materials. Chapter 401. Radioactive Materials and Other Sources of Radiation.

Provides program for effective regulation of sources of radiation for protection of the occupational and public health and safety and the environment and permit maximum use of sources of radiation.

**Origins of
program (if no
mandate)**

N/A

Program Rules

25 TAC Chapter 289 Radiation Control

**Advisory
Committee or
Regulatory Board**

Texas Radiation Advisory Board

Method of Appointment

§ 401.015. Radiation Advisory Board

The radiation advisory board is composed of 18 members in designated slots appointed by the governor and confirmed by the Senate. Members serve six year, staggered terms. The chair is appointed by the governor.

**Texas Radiation
Advisory Board**

Member Name	City of Residence	Professional or Consumer	Term
Jimmy L. Barker	Glen Rose	Professional Nuclear Utility Industry	2001

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Susan E. Best, M.D., Ph.D.	Dallas	Professional Nuclear Physics in Medicine	2003
Thomas M. Burnette	Plano	Professional Labor	2001
Eugene A. Coleman, Ph.D.	Anton	Professional Agriculture	2005
Earl P. Erdmann	Midland	Professional Petroleum Well Service Industry	2001
Michael S. Ford, C.H.P.	Amarillo	Professional Waste Industry	2003
Ian Hamilton, Ph.D.	College Station	Professional Health Physics	2005
W. Kim Howard, M.D.	Longview	Professional Radiology	2003
Justin P. LeVasseur, M.D.	Wichita Falls	Professional Nuclear Medicine	2001
Odis R. Mack	Houston	Professional Insurance	2001
Troy Marceleno	Duncanville	Consumer Public	2003
Bruce A. Matson	Houston	Professional Dentist	2003
Judith A. Pester, M.D.	El Paso	Professional Pathology	2005
Kevin L. Raabe	Floresville	Professional Uranium Industry	2005
Elaine L. Wells	Tyler	Consumer Public	2005
Philip Wentworth	Plano	Professional Hospital Administrator	2005
Vacant		Consumer Public	2001
Vacant		Professional Industry	2003

§ 401.015. Radiation Advisory Board designates types of members; term dates given are expiration dates.